

IMAGE AND AUDIO DEGRADATION SIMULATOR

Abstract of the Disclosure

An image and audio degradation simulator simulates in real time selected degradation effects on images and 5 audio of a film or television production. The degradation effects, which can include those incurred after the electronic capture of the production to its display at a final destination, are performed on electrical signals representing pictures and sound. Simulations can be 10 displayed in real time either substantially immediately upon completion of a portion of the production or at any stage thereafter. Such real-time degradation simulations give a producer an opportunity to see and hear what an end-user (e.g., a television viewer or moviegoer) would see and hear, 15 thus allowing the producer to make typically cost-effective production changes (e.g., to lighting, audio, wardrobe, background, etc.) while that production is still in progress.

PCT/US2008/036690